

The above species is in form and markings closely allied to *Lamia Roylii*; the spots on the thorax and elytra are the colour of a rose pink.

At first I was inclined to think that art had been used in colouring the insect, but as other *Lamiadæ* have orange and yellow spots, and are found to run into red and pink, it is still possible that it may be natural. I may also remark, that in Mr. Hope's Collection there is a gigantic species received from China, named by him *Chinensis*, where the spots are to be found of the same peculiar pink colour.

XIX. On the Asiatic Goliathideous genera *Trigonophorus* and *Rhomborhina*. By J. O. WESTWOOD, F.L.S., &c.

[Read 3 July, 1843.]

THE Rev. F. W. Hope having received two new Indian species of Goliathideous beetles belonging to the genera *Trigonophorus* and *Rhomborhina* since the publication of my memoir on the Asiatic *Goliathides* in the 8th and 9th Numbers of my "Arcana Entomologica," affords me an opportunity of publishing a synoptic revision of the species of these two groups, the synonymy and specific distinctions of several of which have been incorrectly detailed by Dr. Burmeister in the Appendix to the Third Volume of his "Handbuch der Entomologie," p. 778—781.

TRIGONOPHORUS.

§ A. Cornu capitis inter oculos acutum in ♂, truncatum in ♀.

Sp. 1. *Tr. Nepalensis*. Atro-azurea, viridis vel viridi-cærulea; (nec secundum sexum varians), pedibus coxisque posticis fulvis; genibus, tibiæ apice tarsis antennisque nigris.

Long. corp. lin. 13—15, ♂ ♀.

Syn. *Cetonia Nepalensis*. Hope in Zool. Misc. p. 24, ♂.

Cetonia Hardwickii. Hope in op. sup. cit. ♀.

Gnathocera Hardwickii. Gory & Perch. Mon. Cet. pl. 19, fig. 1, ♀.

Cetoniinus (Coryphe Rhomborhina, 1) Hardwickii. MacLeay, Cet. So. Afr. p. 30.

Coryphocera Hardwickii. Burm. Handb. d. Ent. 3, p. 232.

Trigophorus Nepalensis. Westw. Arc. Ent. 1, p. 121, pl. 29, fig. 3, ♂.

Rhomborhina? Cantori. Hope, Tr. Ent. Soc. 3, p. 63,
individ. mutilat.

Trigonophorus Cantori. Westw. op. cit.

Sp. 2. *Trigonophorus Saundersii*. Oblongus, aureo-viridis, elytris tenuissime rugosulis et punctatis, capite et abdomine subtus pedibusque brunneo-castaneis, metathorace subtus viridi; pilis pedum posticorum nigris.

Long. corp. lin. 12, ♂. ♀.

Syn. *Trigonophorus Saundersii*. Westw. Arcan. Ent. 1, p. 122, pl. 29, fig. 5, ♀; Burmeister, op. cit. p. 752.

Sp. 3. *Trigonophorus gracilipes* (n. sp. Pl. V. fig. 5). Oblongo-ovalis, supra et infra viridi-aureus, parum opalescens vel olivaceus, capite viridi, punctato, elytris tenuissime punctatis, pedibus gracillimis, femoribus viridibus cupreo-micantibus, tibiisque castaneis apice nigris; pilis pedum 4 posticorum fulvis, mesosterno tenui, cornu frontali trigono, antennis tarsisque nigris.

Long. corp. lin. 14, ♂ ♀.

Habitat in Indiæ Orientalis montibus Kasya dictis.

In Mus. D. Hope.

In addition to the characters detailed above, it may be mentioned, that the mesosternum has a dark castaneous line down the centre, which is smooth, but the sides are very thickly covered with minute punctures, which is not the case in the closely allied species, *Tr. Saundersii*.

§ B. Cornu inter oculos acutum in ♀.

Sp. 4. *Trigonophorus Delessertii*. Viridi-ænea, supra sæpius olivacea, coxis posticis supra rubris.

Long. corp. lin. 18.

Syn. *Goliath. Dellessertii*. Guerin, Rev. Zool. 1839, p. 229.

Trigonoph. Del. Westw. Arc. Ent. 1, p. 122, pl. 29, fig. 4.

Coryphocera Del. Burm. Handb. d. Ent. 3, 234.

RHOMBORHINA.

§ A. Processus mesosterni apice transverso dilatato.

a. Pili pedum posticorum nigri.

Sp. 1. *Rhomborhina Mellii*. Læte viridis nitens, pedibus subtus æruginosis, supra cum tarsis nigris, apice elytrorum transversim scabriusculo.

Long. lin. 16.

- Syn. *Col. Mellii*. Gory & Perch. Mon. Cet. p. 156, p. 26, fig. 4.
Rhomborhina Mellii. Westw. Arc. Ent. p. 118; Burm.
 Handb. d. Ent. 3, pp. 198, 780.
Rhomborhina distincta. Hope, in Trans. Ent. Soc. 3, 63;
 Westw. Arc. Ent. 1, p. 118, (variety.)
Rhomborhina pilipes. Melly, MSS.; Burm. Handb. d.
 Ent. 3, p. 779; Westw. Arc. Ent. 1, 192, (variety.)

Sp. 2. *Rhomborhina apicalis*. Læte cupreo-fulva, clytris apice
 scabris et nigris, tibiis tarsisque nigris, thorace subtus nigro
 (metasterno profundè canaliculato), abdomineque cum femo-
 ribus nigris vel nigro-æneis ♂ ♀.

Long. corp. lin. 15.

- Syn. *Rhomborhina apicalis*. Westw. Arc. Ent. pl. 30, fig. 2;
 Burm. Handb. d. Ent. 3, p. 779.

Sp. 3. *Rhomborhina hyacinthina*. Nigra, nitida, capite pronoti
 limbo inferiori, pectore, pedibusque cærulescentibus, tarsis
 nigris.

Long. corp. lin. 16 ♂ ♀.

- Syn. *Rhomborhina hyacinthina*. Hope, in Trans. Ent. Soc. 3,
 62; Westw. Arc. Ent. 1, pl. 30, fig. 1; Burm. Handb.
 d. Ent. 3, 199.

b. Pili pedum posticorum fulvi.

Sp. 4. *Rhomborhina opalina*. Olivaceo-ænea, cupreo plus mi-
 nusve tincta, scutelli apice sæpius æneo; antennis tarsisque
 nigris ♂ ♀.

Long. corp. lin. 13, 15.

- Syn. *Rh. opalina*. Hope, in Syn. Col. Nepal. p. 24; Gory &
 Perch. Mon. Cet. pl. 26, fig. 5; Westw. Arc. Ent. 1,
 p. 118.

Nec *Rh. opalina*. Burm. Handb. d. Ent. 199 = *Rh.*
Japonica.

§ B. Mesosterni processus haud dilatatus, subquadratus,
 vel subrotundatus (clypeus magis quadratus).

Sp. 5. *Rhomborhina resplendens*. Viridis, elytrorum disco circa
 scutellum nigro. ♂ ♀.

Long. corp. lin. 16.

- Syn. *Cctonia resplendens*. Schwartz, in Schonh. Syn. Ins. 1,
 63, App. 51.

Rhomb. respl. Westw. Arc. Ent. 1, 118; Burm. 3, 198.

Goliathus Heros. Hope, Latr.; Gory & Perch. Mon. Cet.
pl. 26, fig. 3.

Sp. 6. *Rhomborhina dives* (n. sp. Pl. V. fig. 5.) Tota lætissime viridi-aurea, nitida; clypeo marginato, viridi, tenuissime punctato; elytrorum disco impunctato, apice cum podice parum rugosulo, metasterni lateribus haud punctatis, tarsis antennisque nigris, pilis tibiaram intermediarum brevibus nigris.

Long. corp. lin. 16.

Habitat in Indiæ Orientalis montibus Kasya dictis.

In Mus. Hope.

Note.—The sides of the mesosternal process are nearly parallel, and the apex produced and slightly angulated at the tip.

Sp. 7. *Rhomborhina Japonica*. Brevis, lata, supra obscure brunneo-olivacea, subtus magis varia, capite magno, pedibus brevibus, obscurioribus, latis; elytris creberrime punctulatis, punctis in strias haud dispositis; scutello concolori, pilis pedum 4 posticorum fulvis ♀.

Long. corp. lin. 13.

Habitat in Japonia.

Syn. *Rhomborhina Japonica*. Hope, in Trans. Ent. Soc. 3, p. 62; Westw. Arc. Ent. 1, p. 30, fig. 4.

Rhomb. opalina. Burm. Handb. d. Ent. 3, pp. 199, 779.

Sp. 8. *Rhomborhina clypeata*. Viridis, rude punctulata; thoracis lateribus elytrorumque disco postice magis auratis, clypeo magno, antice subtruncato, punctis elytrorum in strias dispositis, pilis pedum posticorum fulvis ♀.

Long. corp. lin. 12½.

Habitat in Japonia.

Syn. *Rh. clypeata*. Westw. Arc. Ent. 1, pl. 34, fig. 3; Burm. Handb. d. Ent. 3, p. 199.

§ C. Mesosterni processus latitudine angustior.

Sp. 9. *Rhomborhina microcephala*. Robusta, brunneo-olivacea, nitidissima, capite parvo, clypeo subquadrato, tibiis anticis ♀ angustis mediocriter bidentatis, pedibus cyaneo-nigris, tibiis 4 posticis nigro-setosis ♀.

Long. corp. lin. 13, 14.

